

TITLE: Preparation of pyrazolotriazolopyrimidinamines as adenosine A2a receptor antagonists.

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PATENT ASSIGNEE(S): Schering Corporation, USA

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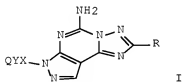
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SC, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM RM: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2468649	A1	20030612	CA 2002-2468649	20021126 <--
AU 2002346503	A1	20030617	AU 2002-346503	20021126 <--
US 2003212059	A1	20031113	US 2002-304931	20021126 <--
US 6916811	B2	20050712		
EP 1448565	A1	20040825	EP 2002-784568	20021126 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
HU 2004002018	A2	20050228	HU 2004-2018	20021126 <--
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			WO 2002-US37710	W 20021126 <--
OTHER SOURCE(S):	MARPAT 139:36540			
GI				



AB Title compds. [I; R = (substituted) furyl, thienyl, pyridyl, oxazolyl, pyrrolyl, aryl; X = (CH2)n; Y = piperidinyl, pyrrolidinyl, azepanyl fused to aryl or heteroaryl; Q = 1-4 of H, cycloalkyl, amino, aryl, aralkyl, heteroaryl, alkyl, CF3, cyano, halo, alkoxy, acyloxy, acylamino, OH, etc.; n = 1-4], were prepared Thus, title compound I (R = 2-furyl; X = CH2CH2; QY =

6,7-dimethoxy-3-methyl-1,2,3,4-tetrahydroisoquinolin-2-yl) showed $K_i = 1.9$ nM for A2a receptor binding activity.

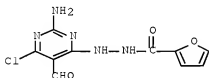
IT 377729-80-1P 377729-81-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazolotriazolopyrimidinamines as adenosine A2a receptor antagonists)

RN 377729-80-1 ZCAPLUS

CN 2-Furancarboxylic acid, 2-(2-amino-6-chloro-5-formyl-4-pyrimidinyl)hydrazide (CA INDEX NAME)



RN 377729-81-2 ZCAPLUS

CN 2-Furancarboxylic acid, 2-(6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl)hydrazide (CA INDEX NAME)

